

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Bruno LEBRET et al.

Customer No.: 30827

Application No.: 10/576,365

Confirmation No.: 2291

Filed: April 19, 2006

Art Unit: Not Yet Assigned

For: USE OF CONDUCTIVE OR  
SEMICONDUCTIVE POYMERS IN  
CHEMICAL SENSORS FOR THE  
DETECTION OF NITRO COMPOUNDS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The Applicant(s) wish to make of record the references listed on the attached PTO/SB/08. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/SB/08.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

**CERTIFICATION**

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION


- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Date: March 14, 2007

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
		Application Number	10/576,365 - Conf. #2291			
		Filing Date	April 19, 2006			
		First Named Inventor	Bruno LEBRET			
		Art Unit	Not Yet Assigned			
		Examiner Name	Not Yet Assigned			
		Attorney Docket Number	10404.031.00-US			
Sheet	1	of	1			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA				
	AB				
	AC				
	AD				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA					
	BB					
	BC					
	BD					

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	CA	Jye-Shane YANG et al, "Fluorescent Porous Polymer Films as TNT Chemosensors: Electronic and Structural Effects," Contribution from the Dept. of Chemistry, MIT, June 30, 1998		
	CB	Yao LIU et al., "Fluorescent Polyacetylene Thin Film Sensor for Nitroaromatics," Dept. of Chemistry, University of Florida, September 18, 2001		
	CC	Xiaoguang YANG et al, "Growth of Ultrathin Covalently Attached Polymer Films: Uniform Thin Films for Chemical Microsensors," Langmuir, The ACS Journal of Surfaces and Colloids, March 31, 1998, Vol. 14, Number 7		
	CD	Stephane CONTENT et al., "Detection of Nitrobenzene, DNT, and TNT Vapors by Quenching of Porous Silicon Photoluminescence," Chem. Eur. J. 2000, Vol. 6, No. 12		
	CE	J.A.O. SANCHEZ-PEDRENO et al., "The Investigation of Coating Materials for the Detection of Nitrobenzene with Coated Quartz Piezoelectric Crystals," Analytica Chimica Acta, Vol. 182 (1986) pp. 285-291		
	CF	P. NELLI et al., "Cavitands as selective materials for QMB sensors for nitrobenzene and other aromatic vapours," Sensors and Actuators B, 13-14 (1993) pp. 302-304		
	CG	Timothy M. SWAGER, "The Molecular Wire Approach to Sensory Signal Amplification," Dept. of Chemistry, MIT, May 30, 1997		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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